



# Wolf Creek Dam Weekly Update

US Army Corps of Engineers  
Nashville District

08 May 2007

## Construction Report

**Foundation Grouting.** ACT continued drilling and grouting in the gallery. A total of 29 holes have been drilled and all 26 have been grouted. Boart Longyear has drilled and cased 33 holes with two drill rigs in production. A known feature was encountered at Station 34+80. Our Panel of Experts is being consulted to ensure we treat the feature in the most effective manner. Kiewit continued constructing the access ramp to the work platform from US 127. They also completed the outer retention berm to Station 66+50 and embankment to Station 56+00 on the permanent platform. Unsuitable material is being removed and supplemented with offsite borrow. Concrete placement on the platform is entirely complete to Station 54+00 and one lane is complete to Station 58+00.

**Halcomb's Landing.** VCI-Doyon continued to drill, blast and haul shot rock from the new boat ramp access road. Placement is complete in the old parking area. Drilling and blasting began in the area where US127 is being widened. Utility relocations have been completed. Concrete placement for the new boat ramp continued and preparations were made for the pre-cast sections.

**Drawdown Mitigation.** One 22-ft wide lane is complete and open at Fall Creek. New anchor pad for courtesy float at Cumberland Point was poured and will be attached to the float this week. Grading work completed at Buck Creek Marina and pre-cast sections were poured. The cast in place sections were completed and the pre-cast sections poured at Lees Ford. Problems have developed at Burnside Island Sate Park so the articulating concrete mats are being reworked. Work at Slate Branch has been completed.



Boart Longyear sonic rigs drilling embankment on upstream platform

## This Week's Activities

- Continue drilling and grouting in the gallery
- Kiewit to continue to place berm and embankment material
- Continue sonic drilling on the permanent work platform with 2 drills
- Begin rock coring
- Continue excavating at Halcomb's Landing and US127
- Continue concrete forming and placement on new ramp
- Push in first pre-cast concrete ramp section

## Water Management Report

During the weekend of 5-6 May, there was approximately 1.1 inches of rain in the Wolf Creek basin. The pool level on 7 May was 681.4. There was some run-off from the rainfall so the discharge has been increased to bring the pool level back down. The plan is to lower the head-water to approximately 681.0

then begin gradually reducing the discharge to minimize the downstream impacts. There is no significant rain in the forecast for the next three days. If rain does develop then the releases will be adjusted as necessary.

## Lake Cumberland Elevation

681.3

Time: 0600  
08 May 2007

